

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB103244

ANALYST: ketankumar
 SUPERVISOR REVIEW BY: apatel
 Constant: 16000
 Normality1: 0.025
 Normality2: 0.025

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP73671
IODINE SOLUTION .025N 1L	W2479
Starch Solution, 4L	W2379

Seq	Lab ID	True Value (mg/l)	DF	Initial Weight (g)	Final Volume (ml)	T1 (ml)	T2 Initial	T2 Final	T2 Diff. (ml)	T1 - T2 Diff (mL)	Value Corrected With Blank	Result (ppm)	Anal Date	Anal Time
1	PB120394BL		1	5.03	50	2.00	0.00	1.90	1.90	0.10	0.00	0.00	06/06/2019	14:15
2	K3153-02		1	5.02	50	2.00	1.90	3.78	1.88	0.12	0.02	1.59	06/06/2019	14:18
3	K3153-02DUP		1	5.04	50	2.00	3.78	5.64	1.86	0.14	0.04	3.17	06/06/2019	14:22
4	K3153-04		1	5.03	50	2.00	5.64	7.48	1.84	0.16	0.06	4.77	06/06/2019	14:25
5	K3153-06		1	5.05	50	2.00	0.00	1.80	1.80	0.20	0.10	7.92	06/06/2019	14:28
6	K3156-02		1	5.00	50	2.00	1.80	3.62	1.82	0.18	0.08	6.40	06/06/2019	14:32
7	K3192-02		1	5.06	50	2.00	3.62	5.40	1.78	0.22	0.12	9.49	06/06/2019	14:35
8	K3211-02		1	5.02	50	2.00	5.40	7.24	1.84	0.16	0.06	4.78	06/06/2019	14:38
9	K3211-04		1	5.04	50	2.00	0.00	1.82	1.82	0.18	0.08	6.35	06/06/2019	14:42
10	K3211-06		1	5.02	50	2.00	1.82	3.62	1.80	0.20	0.10	7.97	06/06/2019	14:45
11	K3211-08		1	5.03	50	2.00	3.62	5.46	1.84	0.16	0.06	4.77	06/06/2019	14:48
12	K3218-03		1	5.02	50	2.00	5.46	7.24	1.78	0.22	0.12	9.56	06/06/2019	14:52

T1 = Titrant1

T2 = Titrant2

T2 Diff = T2 Final - T2 Initial

Value Corrected With Blank = ((T1 - T2 Diff) - Blank Correction(BL))

Result = ((T1 * Normality1) - ((T1 - Value Corrected With Blank) * Normality2)) * Constant / Initial Volume

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13	K3218-06		1	5.03	50	2.00	0.00	1.86	1.86	0.14	0.04	3.18	06/06/2019	14:55
14	K3218-09		1	5.02	50	2.00	1.86	3.68	1.82	0.18	0.08	6.37	06/06/2019	14:58

T1 = Titrant1

T2 = Titrant2

T2 Diff = T2 Final - T2 Initial

Value Corrected With Blank = ((T1 - T2 Diff) - Blank Correction(BL))

Result = ((T1 * Normality1) - ((T1 - Value Corrected With Blank) * Normality2)) * Constant / Initial Volume